Customer No. 22,852 Attorney Docket No.: **05788.0319** 

XV

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)
Marco ROMAGNOLI et al.	) )
Application No.: Not Yet Assigned	) Group Art Unit: Not Yet Assigned )
Filed: September 3, 2004	Examiner: <b>Not Yet Assigned</b>
National Stage of International Application No. PCT/EP02/02465 under 35 U.S.C. 371, for DEVICE FOR BENDING AN OPTICAL BEAM, IN PARTICULAR IN AN OPTICAL INTEGRATED CIRCUIT	) ) ) )

MAIL STOP PCT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## **INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449 and cited in the international search report. With exception of the U.S. patents, copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form. This Information Disclosure Statement is being filed with the above-referenced application.

10/506542 DT15 es'd PCT/PTO 03 SEP 2004 Customer No. 22,852

Attorney Docket No. 05788.0319

Also, enclosed is an English-language international search report from the European Patent Office in the PCT international application, from which this national phase U.S. application is derived.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: September 3, 2004

Ernest F. Chapman Reg. No. 25,961

Enclosures EFC/FPD/sci

Atty. Docket No.	05788.0319	Application No.	Not Yet Assigned	10/50654
Applicants	Marco ROMAGNOLI et al.			
Filing Date	September 3, 2004	Group:	Not Yet Assigned	

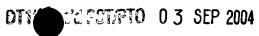
U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue/Pub. Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,526,449	06/11/96	MEADE et al.			
	6,134,369	10/17/00	KUROSAWA			
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Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
EP 0 764 861 A2/A3	03/26/97	EUROPE			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
KOSAKA, H. et al.; "Photonic-Crystal Spot-Size Converter"; Applied Physics Letters, Vol. 76, No. 3, pages 268-270, (January 17, 2000).
JOANNOPOULOS; J. D., "The Almost-Magical World Of Photonic Crystals"; Brazilian Journal of Physics, Vol. 26, No. 1, pages 58-67, (March 1996).
ARETZ, K. et al.; "Reduction Of Crosstalk And Losses Of Intersecting Waveguide"; Electronics Letters, IEE Stevenage, GB, Vol. 25, No. 11, pages 730-731, (May 25, 1989).
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ROMANOV, S. G. et al.; "Photonic Band-Gap Effects Upon The Light Emission From A Dye-Polymer-Opal Composite"; Applied Physics Letters, Vol. 75, No. 8, pages 1057-1059, (August 23, 1999).
ETCHEGOIN, P. et al.; "Photon Focusing, Internal Diffraction, And Surface States In Periodic Dielectric Structures"; Physical Review, B Vol. 53, No. 19, pages 12674-12683, (May 15, 1996).

Examiner		Date Considered
*Examiner:		onsidered, whether or not citation is in conformance with MPEP 609; draw line ot in conformance and not considered. Include copy of this form with next applicant.
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OMB No. 0651-0011

## **INFORMATION DISCLOSURE CITATION**

Atty. Docket No.	05788.0319	Application No.	Not Yet Assigned 10/506542
Applicants	Marco ROMAGNOLI et al.		<b>2. 0</b> <i>7</i> <b>3 3 3</b>
Filing Date	September 3, 2004	Group:	Not Yet Assigned

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue/Pub. Date	Name	Class	Sub Class	Filing Date If Appropriate
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	FOREIGN PATEN	T DOCUMENT	S		
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
JOHNSON, S. G. et al.; "Guided Modes In Photonic Crystal Slabs"; Physical Review B, Vol. 60, No. 8, pages 5751-5758, (August 15, 1999).				
CHOW, E. et al.; "Three-Dimensional Control Of Light In A Two-Dimensional Photonic Crystal Slab"; Nature, Vol. 407, No. 6807, pages 983-986, (October 26, 2000).				
JOHNSON, S. G. et al.; "Elimination Of Cross Talk In Waveguide Intersections"; Optical Society of America, Optics Letters, Vol. 23, No. 23, pages 1855-1857, (December 1, 1998).				

Examiner		Date Considered
*Examiner:		red, whether or not citation is in conformance with MPEP 609; draw line onformance and not considered. Include copy of this form with next nt.
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